

TECHNICAL PACKAGE

Applicant (Entity) Name:	
Project Title:	
Contact Person:	Phone: ()

I. Technical Information

1. Current Population served by the water system:
Current Population of the area benefitting from the project:
2. Current number of active service connections:
Current number of service connections for the area benefitting from the project:
3. Attach a complete Engineering Report (label as Attachment **T1**)
4. Attach Water Metering Certification (label as Attachments **T2**)
5. Attach a copy of the water system's water permit (label as Attachment **T3**)
6. Attach a copy of the TMF Assessment Form (label as Attachment **T4**)

II. WATER RIGHTS, WATER CONSERVATION AND URBAN WATER MANAGEMENT

1. Describe the nature of the water rights applicable to your water source and attach water rights documentation related to water source (label as Attachment **T5**).

Check the following boxes that apply for your project:

WATER CONSERVATION

Urban Water Suppliers:

- ☐ Approved Water Conservation Program on file with the State Water Board
- ☐ Water Conservation Program submitted to the State Water Board for approval (label as Attachment **T6**)
- ☐ Proof that you signed the Memorandum of Understanding regarding urban water conservation in California (label as Attachment **T7**)
- ☐ Proof that you submitted an Urban Water Management Plan per Water Code Section 10653 (label as Attachment **T8**).

URBAN WATER MANAGEMENT

1. Are you an urban water supplier as defined in Water Code Section 10631.5?
☐ YES ☐ NO
2. Provide a self-certification that you are in compliance with the water meter requirements of Water Code Section 529.5 (label as Attachment **T2**)

IV. ATTACHMENT CHECKLIST

Check the box next to each item attached to your application.

- ☐ T1 – Engineering Report (See Attached Outline)
- ☐ T2 – Certification for Compliance with Water Metering Form
- ☐ T3– Water System Permit
- ☐ T4 – TMF Assessment Form
- ☐ T5 - Water Rights Determination letter (if applicable)
- ☐ T6 – Water Conservation Program (if applicable)
- ☐ T7– Memorandum of Understanding (if applicable)
- ☐ T8 – Urban Water Management Plan (if applicable)
- ☐ T9 – Waiver Request Letter (if applicable)
- ☐ T10 – Certification for Non-Water Suppliers (if applicable)
- ☐ T11 – Compliance with Water Demand Management Measures (if applicable)
- ☐ T12 – Plans and Specifications

Engineering Report

A. WATER SYSTEM INFORMATION

1. Describe the water system and its facilities. Include details relating to source, storage, treatment, and distribution system.
2. Attach a schematic/map of the system which includes the existing facilities as described above.
3. Agency that has jurisdiction over the water system

B. PROBLEM DESCRIPTION

1. Describe the problem being addressed by the project and attach supporting documents. (Include the last two years of water quality data, most recent compliance orders, violations, citations, etc.)

C. ALTERNATIVE SOLUTIONS

1. Describe each alternative considered to correct the problem described in Section B. Include the feasibility of consolidating with one or more water systems.

D. SELECTED CONSTRUCTION PROJECT

1. Describe the proposed construction project and identify all major components.
2. Describe how this project will solve the problem and provide an analysis of its effectiveness. List all anticipated operational challenges that the project may impose and include any proposed solutions.
3. Determine if the project is consistent with local/county planning. List the local/county planning documents used to make the determination.
4. Does the project contain, either partially or completely, green infrastructure?

If **yes**, include the estimated cost of the green portion and describe the green elements below.

5. Is the selected construction project a consolidation project?

If **yes**, please list all parties involved and identify the restructuring water system that will remain after the project is complete. A Supplemental Information Form (Appendix A) for each involved water system must be submitted with the application.

E. ELIGIBILITY

1. List any project elements that may be ineligible or partially eligible.

2. List any land that will be purchased or acquired for this construction project, discuss the necessity for such land, and justify the appropriateness of the size of the land being purchased. (NOTE: Only land or land access that is integral to the construction of source, treatment or distribution facilities is eligible for DWSRF funding).

F. FINAL PLANS AND SPECIFICATIONS

1. Describe the final plans and specifications as well as other technical aspects of the project, including the overall conceptual design (e.g. layout, flow diagrams, choice of unit processes, redundancy, reliability features).
2. Attach a schematic/map of the system which includes the proposed facilities as described above.
3. Provide water demand and capacity statistics used to design the project. Include a description of the methodology used to determine the peak flow water demands, the anticipated growth and its resultant water demand, and fire flow.
4. Describe how industrial and commercial water users impact the peak flow demand.
5. List all major project components and identify their estimated useful life.
6. Attach a detailed cost breakdown of the entire project, which lists all major construction components, non-construction costs, and ineligible items.
 - a. The total project cost is \$_____
 - b. The eligible project cost is \$_____
 - c. The annual increase in operations/maintenance cost is \$_____

G. PROPOSED SCHEDULE

1. Attach a project schedule. Construction projects are required to be completed no later than three years from the funding agreement execution date.

H. ATTACHMENTS TO Engineering REPORT

1. Please attach the following documents to be included with this Applicant Engineering Report. Make sure your water system's name and water system/project number are on every additional attachment.
 - a. Schematic/map of system's existing facilities
 - b. Documents justifying the ranked problem
 - c. Schematic/map of system's proposed facilities
 - d. Detailed cost estimate
 - e. Proposed project schedule

CERTIFICATION FOR COMPLIANCE WITH WATER METERING REQUIREMENTS FOR FUNDING APPLICATIONS



**Funding Agency
Name:**

State Water Resources Control Board

**Funding Program
Name:**

Drinking Water State Revolving Fund

**Applicant (Agency
Name):**

Please check one of the boxes below and sign and date this form.

☐ As the authorized representative for the applicant agency, I certify under penalty of perjury that the agency is not an urban water supplier, as that term is understood pursuant to the provisions of section 529.5 of the Water Code.

☐ As the authorized representative for the applicant agency, I certify under penalty of perjury that the applicant agency has fully complied with the provisions of Division 1, Chapter 8, Article 3.5 of the California Water Code (sections 525 through 529.7 inclusive) and that the ordinances, rules, or regulations submitted with this certification as listed below have been duly adopted and are in effect as of this date.

I understand that the Funding Agency will rely on this signed certification in order to approve funding and that false and/or inaccurate representations in this Certification Statement may result in loss of all funds awarded to the applicant for its project. Additionally, for the aforementioned reasons, the Funding Agency may withhold disbursement of project funds, and/or pursue any other applicable legal remedy.

Name of Authorized Representative
(Please print)

Title

Signature of Authorized Representative

Date